

CLAIMS

Now, therefore, the following is claimed:

- 1 1. A system for processing digital images, comprising:
2 means for specifying a plurality of images;
3 means for specifying a page layout format;
4 means for retrieving the plurality of images;
5 means for positioning the plurality of images on a page; and
6 means for displaying the page on a display using a scalable vector graphics
7 (SVG) format.

- 1 2. The system of claim 1, wherein the means for positioning is
2 implemented by a processor, and wherein the means for retrieving retrieves the
3 specified images from a memory.

- 1 3. A method for processing digital images, the method comprising the
2 steps of:
3 receiving a specification of a plurality of images;
4 receiving a specification for a page layout format;
5 positioning the specified number of images on a print page; and
6 displaying the print page on a display.

- 1 4. The method of claim 3, wherein the step of positioning the specified
2 number of images on the print page further comprises the step of using a scalable
3 vector graphics (SVG) format.

- 1 5. The method of claim 3, wherein the step of receiving the specification
2 for the page layout format further comprises the step of receiving a specification for
3 an album page layout.

1 6. The method of claim 5, further comprising the steps of:
2 selecting an album page aspect ratio;
3 comparing an aspect ratio of each one of the specified plurality of images to
4 the album page aspect ratio; and
5 modifying the aspect ratio of each one of the specified plurality of images to
6 equal the album page aspect ratio when the aspect ratio of each one of the specified
7 plurality of images does not equal the album page aspect ratio.

1 7. The method of claim 3, further comprising the step of receiving a
2 specified orientation such that the print page is oriented according to the specified
3 orientation.

1 8. The method of claim 7, wherein the step of receiving the specified
2 orientation further comprises the step of receiving a specification for a landscape
3 orientation.

1 9. The method of claim 7, wherein the step of receiving the specified
2 orientation further comprises the step of receiving a specification for a portrait
3 orientation.

1 10. The method of claim 3, wherein the step of receiving the specification
2 for the page layout format further comprises the step of receiving a specification for a
3 print page layout.

1 11. The method of claim 3, further comprising the steps of:
2 determining a maximum number of images that will fit on the print page, the
3 maximum number of images being less than the total number of the plurality of
4 images;
5 selecting a number of images from the plurality of images specified, the
6 selected number of images equal to the maximum number of images;
7 positioning the selected number of images on the print page using a scalable
8 vector graphics (SVG) format; and
9 displaying the page on the display.

1 12. The method of claim 11, further comprising the steps of:
 2 selecting a second number of images from the plurality of images specified,
 3 the selected second number of images equal to the maximum number of images;
 4 positioning the selected second number of images on a second print page using
 5 the SVG format; and
 6 displaying the second print page on the display.

1 13. A computer readable medium for processing digital images, the
 2 program comprising logic configured to perform the steps of:
 3 receiving a specification of a plurality of images;
 4 receiving a specification for a page layout format;
 5 retrieving the specified plurality of images from a memory; and
 6 positioning the specified number of images on a page using a scalable vector
 7 graphics (SVG) format.

1 14. The computer readable medium of claim 13, wherein the logic
 2 configured to receive the specification for the page layout format further comprises
 3 logic configured to perform the step of receiving a specification for an album page
 4 layout.

1 15. The computer readable medium of claim 14, further comprising logic
 2 configured to perform the steps of:
 3 selecting an album page aspect ratio;
 4 comparing an aspect ratio of each one of the specified plurality of images to
 5 the album page aspect ratio; and
 6 modifying the aspect ratio of each one of the specified plurality of images to
 7 equal the album page aspect ratio when the aspect ratio of each one of the specified
 8 plurality of images does not equal the album page aspect ratio.

1 16. The computer readable medium of claim 13, further comprising logic
 2 configured to perform the step of receiving a specified landscape orientation such that
 3 the page is oriented according to the landscape orientation.

17. The computer readable medium of claim 13, further comprising logic configured to perform the step of receiving a specified portrait orientation such that the page is oriented according to the portrait orientation.

18. The computer readable medium of claim 13, wherein the logic configured to receive the specification for the page layout format further comprises logic configured to perform the step of receiving a specification for a print page layout.

19. The computer readable medium of claim 13, further comprising logic configured to perform the steps of:

determining a maximum number of images that will fit on the page, the maximum number of images being less than the total number of the plurality of images;

selecting a number of images from the plurality of images specified, the selected number of images equal to the maximum number of images;

positioning the selected number of images on the page using the SVG format; and

displaying the page on a display.

20. The computer readable medium of claim 19, further comprising logic configured to perform the steps of:

selecting a second number of images from the plurality of images specified, the selected second number of images equal to the maximum number of images; and

positioning the selected second number of images on a second page using the SVG format.